

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A system for event notification in a cluster of computing devices comprising a plurality of nodes, comprising:
 - a web browser operated by an administrator of the cluster, wherein the web browser is used by the administrator to view a web page displayed by the web browser, wherein the web page comprises status information for the cluster;
 - an event buffer comprising a subscriber configured to listen for events and to maintain a log file of received events that are received within a specified period of time;
 - an event monitor executing on the web browser and configured to periodically check the log file for events;
 - a plurality of event forwarding mechanisms, each on one of the plurality of nodes of the cluster, for subscribing to events, wherein each event forwarding mechanism is configured to forward a received event to other event forwarding mechanisms;
 - wherein when a change in the cluster occurs, the event buffer receives an event corresponding to the change from one of the plurality of event forwarding mechanisms;
 - wherein the event corresponding to the change is obtained from the event buffer and added to the log file, and
 - wherein when the event monitor receives the event corresponding to the change from the log file, the event monitor compares the event corresponding to the change to a list of events relevant to the web page currently displayed in the web browser and refreshes the web page when the event corresponding to the change is found on the list of events.
 - a first node, the first node detecting a situation of interest on the first node and generating a first event in response thereto, the first node sending information pertaining to the first event to the event buffer to be stored therein; and

~~a remote computing system, the remote computing system displaying a first set of status information for the first node that was previously obtained from a server, the remote computing system polling the event buffer for new events and in response to detecting the first event, the remote computing system interacting again with the server to obtain therefrom a set of updated status information for the first node, the remote computing system thereafter displaying the updated status information.~~

2. (Canceled)

3. (Currently Amended) The system for event notification of Claim [[2]] 1, wherein the log file database is pruned.

4. (Currently Amended) The system for event notification of Claim 3, wherein the pruning is carried out at timed intervals.

5. (Currently Amended) The system for event notification of Claim 4, wherein the pruning is carried out at said time intervals of between 2 and 120 seconds.

6. – 17. (Canceled)

18. (Currently Amended) A cluster network for event notification, comprising:

a web browser operated by an administrator of the cluster, wherein the web browser is used by the administrator to view a web page displayed by the web browser, wherein the web page comprises status information for the cluster;

a plurality of [[an]] event forwarding mechanisms, [[in]] each on one of the plurality of nodes of [[a]] the cluster for forwarding detected events to each other event forwarding mechanism on each other node;

an event buffer of said cluster to receive and store each event forwarded from a node from an event forwarding mechanism comprising a subscriber configured to listen for events and to maintain a log file of received events that are received within a specified period of time;

an event monitor executing on the web browser and configured to periodically check the log file for events;
wherein when a change in the cluster occurs, the event buffer receives an event corresponding to the change from one of the plurality of event forwarding mechanisms;
wherein the event corresponding to the change is obtained from the event buffer and added to the log file, and
wherein when the event monitor receives the event corresponding to the change from the log file, the event monitor compares the event corresponding to the change to a list of events relevant to the web page currently displayed in the web browser and refreshes the web page when the event corresponding to the change is found on the list of events.
~~a remote event monitor for periodically polling said event buffer for changes in pertinent events, and in response to detecting one or more new pertinent events, the remote event monitor causing updated status information pertaining to one or more nodes in said cluster to be obtained from a server and causing the updated status information to be displayed.~~

19. (Currently Amended) The cluster network of Claim 18, further comprising:

an event generation mechanism ~~[[in]]~~ on each node to generate an event when something of interest occurs within said cluster.

20. (Currently Amended) The cluster network of Claim 18, wherein the refreshed web page displays said updated status information for the cluster network ~~is displayed within a web page.~~

21. – 22. (Canceled)

23. (Currently Amended) The cluster network of Claim 18, wherein ~~[[said]]~~ the event buffer is located on at least one of the plurality of nodes in ~~[[said]]~~ the cluster.

24. (Currently Amended) The cluster network of Claim 18, wherein ~~said-remote~~ the event monitor is a Java applet operating on a remote computing system that is not part of the remote-from-said cluster.
25. (Currently Amended) The cluster network of Claim 20 wherein said web page registers ~~pertinent~~ the list of events with ~~said-remote~~ the event monitor.
26. (Currently Amended) The cluster network of Claim ~~[[18]]~~ 20 wherein said updated status information is displayed in a frame of ~~a-displayed~~ the web page.
27. – 44. Canceled
45. (Currently Amended) A machine-implemented method, comprising:
- obtaining, from a server, a-set-of-status information pertaining to one or more components of a cluster system, wherein the status information is displayed on a web page of a web browser;
 - rendering a display to show the status information for the one or more components;
 - detecting a change in the one or more components of the cluster system;
 - forwarding an event generated in response to the detected change to each of the one or more components;
 - accessing an event buffer, wherein the event buffer comprises a subscriber configured to listen for events and is configured to maintain a log file of received events that are received within a specified period of time stores one or more events pertaining to the one or more components;
 - determining whether the event-buffer log file comprises the generated event contains any newly-added-events that requires the web page to be refreshed by comparing the generated event corresponding to the detected change to a list of events relevant to the web page currently displayed in the web browser display-to-be-updated; and
 - refreshing the web page when the generated event corresponding to the detected change is found on the list of events

~~in response to a determination that the event buffer contains one or more newly added events that require the display to be updated, obtaining from the server a set of updated status information pertaining to the one or more components; and rendering an updated display to show the updated status information for the one or more components.~~

46. – 48. (Canceled)

49. (Currently Amended) The method of claim [[47]] 45, wherein loading when the web page is loaded, ~~comprises: registering a set of one or more pertinent~~ the list of events is registered as events that require the display of the web page to be refreshed~~updated~~.

50. (Currently Amended) The method of claim 49, wherein the web page comprises Javascript code for causing the ~~set of one or more pertinent~~ list of events to be registered.

51. – 60. (Canceled)

61. (New) The system of claim 1, wherein the web page registers the list of events with the event monitor.

62. (New) The system of claim 1, wherein the web browser connects via a network to a web server on one of the plurality of nodes in the cluster.

63. (New) The system of claim 62, wherein the log file is accessible through the web server via HTTP accesses.

64. (New) The system of claim 1, wherein the event monitor is one selected from a group consisting of a Java applet and an ActiveX plugin.

65. (New) The system of claim 4, wherein event monitor polls the event buffer for received events more often than the event buffer prunes events.

66. (New) The system of claim 1, wherein the change in the cluster comprises one selected from a group consisting of a node is added to the cluster, a node in the cluster fails, a service failure in the cluster occurs, a configuration change in the cluster occurs, and a status change of hardware or software in the cluster occurs.